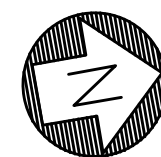


KEYED NOTES:

1. PROVIDE NEW JUNCTION BOX AT EACH NEW FAN COIL UNIT AND CIRCUIT AS INDICATED VIA (2) #12, (1) #12G, 3/4" C.
2. EXISTING PANELBOARD TO REMAIN. SHOWN FOR CLARITY.
3. NEW PANELBOARD "FC4": REFERENCE SHEET 1-EP7.0 RISER DIAGRAM FOR MORE INFORMATION. MOUNT FLUSH IN NEWLY INSTALLED WALL.
4. EXISTING FAN COIL TO REMAIN. SHOWN FOR CLARITY ONLY.
5. EXISTING EXHAUST FAN TO REMAIN.
6. EXTEND EXISTING CIRCUIT INDICATED TO NEW VARIABLE SPEED DRIVE AND CONNECT.
7. E.C. SHALL INSTALL DIVISION 15 PROVIDED VARIABLE FREQUENCY DRIVE AND SHALL MAKE ALL REQUIRED CONNECTIONS - REUSE EXISTING CIRCUIT. COORDINATE WITH MECHANICAL CONTRACTOR.
8. EXISTING RECEPTACLE RELOCATED TO NEW WALL. RECONNECT AS BEFORE.

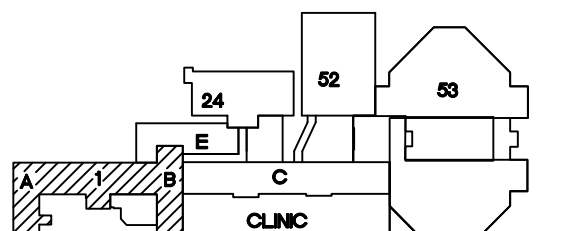
GENERAL NOTES:

1. EXISTING CIRCUITS SERVING EQUIPMENT BEING REMOVED/REPLACED ARE TO BE REUSED AND EXTENDED AS NECESSARY. RUN CONCEALED WHERE POSSIBLE.
2. JUNCTION BOX LOCATIONS INDICATED ARE APPROXIMATE LOCATIONS. IT MAY BE NECESSARY TO EXTEND EXISTING CIRCUIT TO NEW FAN COIL UNIT LOCATION AND INSTALL NEW JUNCTION BOX.
3. ALL NEW CONDUIT LOCATED IN CORRIDORS SHALL BE INSTALLED AT A MINIMUM OF 8'-6" A.F.F.



1 LEVEL 4, A-B WING: ELEC PLAN  
1/8"=1'-0"

The seal appearing on this document was  
authorized by the State of Oklahoma on  
5/28/2013. Alteration of a sealed document  
without proper notation to the responsible  
engineer is an offense under the  
Oklahoma Engineering Practice Act.



KEY PLAN  
SCALE: NO SCALE  
PROJECT NORTH

ASBESTOS NOTE:  
IF THE EXECUTION OF THIS WORK REQUIRES THE DISTURBING OF ANY SUBSTANCE WHICH APPEARS TO BE ASBESTOS OR WHICH MAY CONTAIN ASBESTOS FIBER, NOTIFY THE OWNER BEFORE CONTINUING WORK AT THE SUSPECT LOCATION. ANY MATERIAL TESTING POSITIVE SHALL BE REMOVED BY THE OWNER BEFORE WORK CONTINUES.

NOTE: EXISTING CONDITIONS SHOWN WERE DERIVED FROM OWNER FURNISHED DRAWINGS AND FIELD OBSERVATIONS. SOME BUILDING FEATURES AND MEP SYSTEMS ARE NOT SHOWN FOR CLARITY. FIELD VERIFY BUILDING CONSTRUCTION. FIELD VERIFY THE LOCATION, SIZE AND QUANTITY OF ALL EQUIPMENT.

REVISIONS	DESCRIPTION	DATE



Dept. of Veterans Affairs  
Jack C. Montgomery  
Medical Center  
1011 Honor Heights Drive  
Muskogee, Oklahoma 74401

ENGINEER:

RMD CONSULTING, LLC  
2815 VALLEY VIEW LANE, STE. 214  
DALLAS, TX 75234  
P: 972-488-8077 F: 972-488-8174  
PROJECT NUMBER: 11-5801  
OK REG. ENGINEERING FIRM: 5183

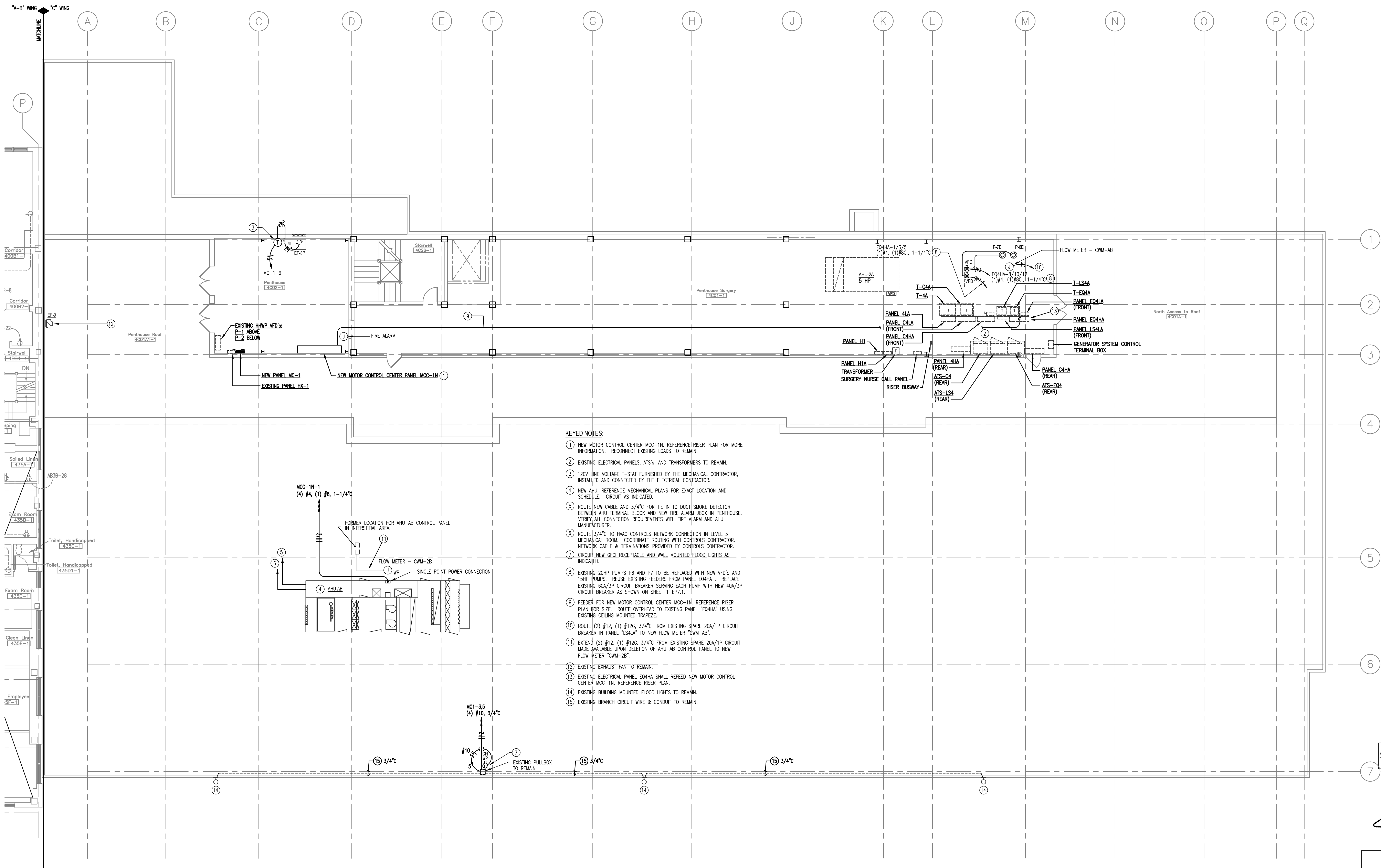
CONSULTANTS:

ARCHITECT:  
ARCHITECTURAL CONCEPTS, INC.  
669 AIRPORT FREEWAY, STE. 300  
HURST, TX 76053  
P: 817-285-8885 F: 817-285-8021

APPROVED:	APPROVED: Interior Designer	APPROVED: Safety Manager	APPROVED: Medical Center Director
APPROVED:	APPROVED:	APPROVED: Infection Control Nurse	APPROVED: Associate Director
APPROVED:	APPROVED:	APPROVED: Industrial Hygienist	APPROVED: Chief of Staff
APPROVED:	APPROVED:	APPROVED: President A.F.G.E. 2250	APPROVED: Chief of Engineering Service

DRAWING TITLE	PROJECT TITLE	DATE
LEVEL 4, A-B WING: POWER PLAN	REPLACE INDUCTION UNITS IN BLDG. #1	5/28/2013
PROJECT NO. 623-10-104	CONTRACT NO. VA256-P-1355	SCALE AS NOTED
BUILDING NO. 01	AUTOCAD FILE NAME	DRAWING NO. 1-EP4.0
	LOCATION Jack C. Montgomery VA Medical Center	DWG. 85 OF 97

DEPARTMENT OF  
VETERANS AFFAIRS



KEYED NOTES:

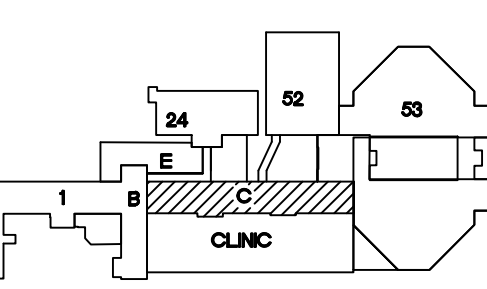
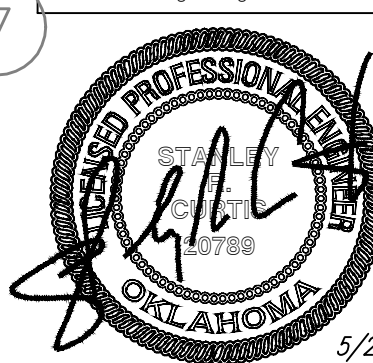
- 1 NEW MOTOR CONTROL CENTER MCC-1N. REFERENCE RISER PLAN FOR MORE INFORMATION. RECONNECT EXISTING LOADS TO REMAIN.
- 2 EXISTING ELECTRICAL PANELS, ATS'S, AND TRANSFORMERS TO REMAIN.
- 3 120V LINE VOLTAGE T-STAT FURNISHED BY THE MECHANICAL CONTRACTOR. INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR.
- 4 NEW AHU. REFERENCE MECHANICAL PLANS FOR EXACT LOCATION AND SCHEDULE. CIRCUIT AS INDICATED.
- 5 ROUTE NEW CABLE AND 3/4" FOR TIE IN TO DUCT SMOKE DETECTOR BETWEEN AHU TERMINAL BLOCK AND NEW FIRE ALARM JBOX IN PENTHOUSE. VERIFY ALL CONNECTION REQUIREMENTS WITH FIRE ALARM AND AHU MANUFACTURER.
- 6 ROUTE 3/4" TO HVAC CONTROLS NETWORK CONNECTION IN LEVEL 3 MECHANICAL ROOM. COORDINATE ROUTING WITH CONTROLS CONTRACTOR. NETWORK CABLE & TERMINATIONS PROVIDED BY CONTROLS CONTRACTOR.
- 7 CIRCUIT NEW GFCI RECEPTACLE AND WALL MOUNTED FLOOD LIGHTS AS INDICATED.
- 8 EXISTING 20HP PUMPS P6 AND P7 TO BE REPLACED WITH NEW VFD'S AND 15HP PUMPS. REUSE EXISTING FEEDERS FROM PANEL EQ4HA. REPLACE EXISTING 60A/3P CIRCUIT BREAKER SERVING EACH PUMP WITH NEW 40A/3P CIRCUIT BREAKER AS SHOWN ON SHEET 1-EP7.1.
- 9 FEEDER FOR NEW MOTOR CONTROL CENTER MCC-1N. REFERENCE RISER PLAN FOR SIZE. ROUTE OVERHEAD TO EXISTING PANEL "EQ4HA" USING EXISTING CEILING MOUNTED TRAPEZE.
- 10 ROUTE (2) #12, (1) #10, 3/4" FROM EXISTING SPARE 20A/1P CIRCUIT BREAKER IN PANEL "LS4LA" TO NEW FLOW METER "CWM-AB".
- 11 EXTEND (2) #12, (1) #10, 3/4" FROM EXISTING SPARE 20A/1P CIRCUIT MADE AVAILABLE UPON DELETION OF AHU-AB CONTROL PANEL TO NEW FLOW METER "CWM-2B".
- 12 EXISTING EXHAUST FAN TO REMAIN.
- 13 EXISTING ELECTRICAL PANEL EQ4HA SHALL REFEED NEW MOTOR CONTROL CENTER MCC-1N. REFERENCE RISER PLAN.
- 14 EXISTING BUILDING MOUNTED FLOOD LIGHTS TO REMAIN.
- 15 EXISTING BRANCH CIRCUIT WIRE & CONDUIT TO REMAIN.

ASBESTOS NOTE:

IF THE EXECUTION OF THIS WORK REQUIRES THE DISTURBING OF ANY SUBSTANCE WHICH APPEARS TO BE ASBESTOS OR WHICH MAY CONTAIN ASBESTOS FIBER, NOTIFY THE OWNER BEFORE CONTINUING WORK AT THE SUSPECT LOCATION. ANY MATERIAL TESTING POSITIVE SHALL BE REMOVED BY THE OWNER BEFORE WORK CONTINUES.

NOTE: EXISTING CONDITIONS SHOWN WERE DERIVED FROM OWNER FURNISHED DRAWINGS AND FIELD OBSERVATIONS. SOME BUILDING FEATURES AND MEP SYSTEMS ARE NOT SHOWN FOR CLARITY. FIELD VERIFY BUILDING CONSTRUCTION. FIELD VERIFY THE LOCATION, SIZE AND QUANTITY OF ALL EQUIPMENT.

The seal appearing on this document was authorized by the State of Oklahoma on 5/28/2013. It is invalid if it is not accompanied by a signed document without proper modification to the responsible engineer's signature under the Oklahoma Engineering Practice Act.



KEY PLAN  
SCALE: NO SCALE  
PROJECT NORTH

REVISIONS	DESCRIPTION	DATE



Dept. of Veterans Affairs  
Jack C. Montgomery  
Medical Center  
1011 Honor Heights Drive  
Muskogee, Oklahoma 74401

ENGINEER:

RMD CONSULTING, LLC  
2815 VALLEY VIEW LANE, STE. 214  
DALLAS, TX 75234  
P: 972-488-8077 F: 972-488-8174  
PROJECT NUMBER: 11-5801  
OK REG. ENGINEERING FIRM: 5183

CONSULTANTS:

ARCHITECT:  
ARCHITECTURAL CONCEPTS, INC.  
669 AIRPORT FREEWAY, STE. 300  
HURST, TX 76053  
P: 817-285-8885 F: 817-285-8021

APPROVED:

APPROVED: Interior Designer  
APPROVED:  
APPROVED:  
APPROVED:

APPROVED:

APPROVED:  
APPROVED:  
APPROVED:  
APPROVED:

APPROVED:

APPROVED: Safety Manager  
APPROVED: Infection Control Nurse  
APPROVED: Industrial Hygienist  
APPROVED: President A.F.C.E. 2250

APPROVED:

APPROVED: Medical Center Director  
APPROVED: Associate Director  
APPROVED: Chief of Staff  
APPROVED: Chief of Engineering Service

DRAWING TITLE

LEVEL 4, C WING,  
PENTHOUSE & ROOF:  
POWER PLAN

PROJECT NO.

623-10-104

BUILDING NO.

01

CONTRACT NO.

VA256-P-1355

AUTOCAD FILE NAME

PROJECT TITLE

REPLACE INDUCTION  
UNITS IN BLDG. #1

DESIGNED BY:

SRC/TGB

DRAWN BY:

SRC/TGB

CHECKED BY:

SRC

LOCATION

Jack C. Montgomery VA Medical Center

DATE

5/28/2013

SCALE

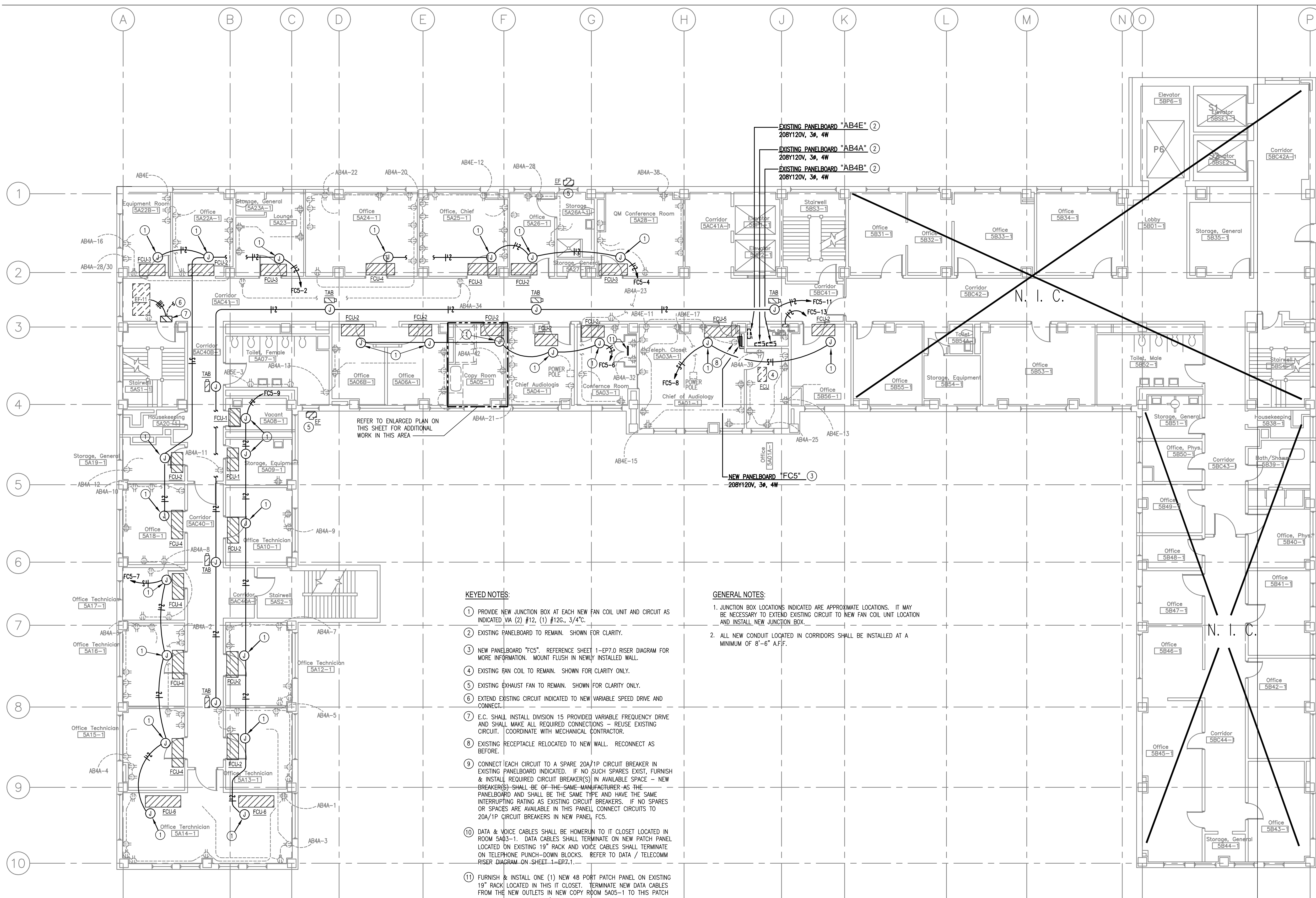
AS NOTED

DRAWING NO.

1-EP4.1

DWG. 86 OF 97

DEPARTMENT OF  
VETERANS AFFAIRS

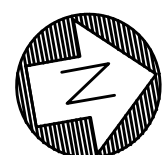
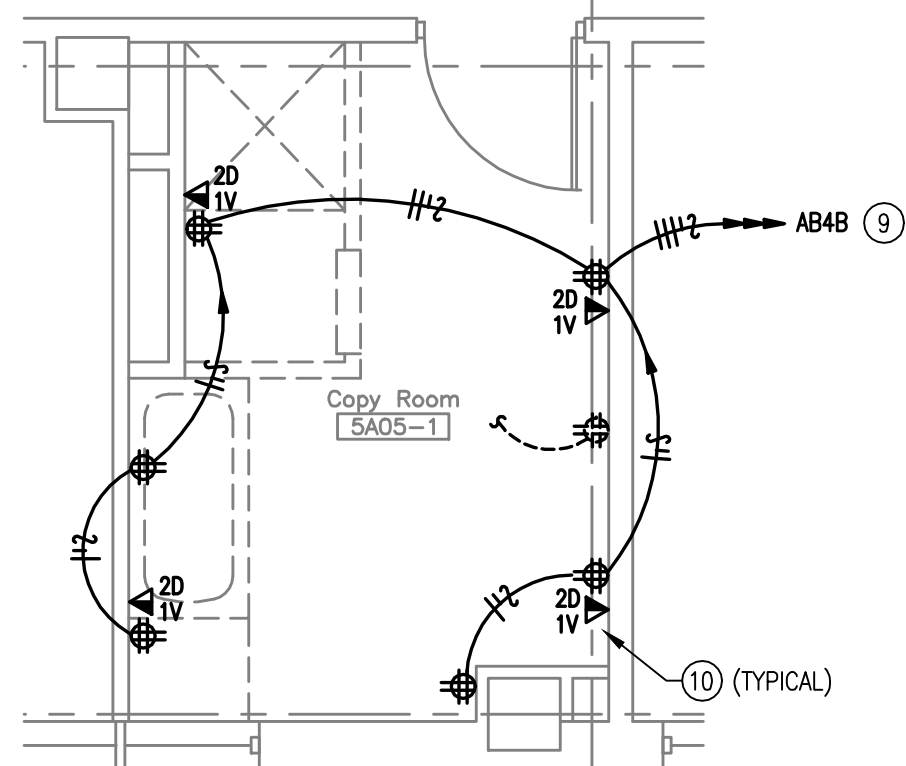


KEYED NOTES:

1. PROVIDE NEW JUNCTION BOX AT EACH NEW FAN COIL UNIT AND CIRCUIT AS INDICATED VIA (2) #12, (1) #12S, 3/4".
2. EXISTING PANELBOARD TO REMAIN. SHOWN FOR CLARITY.
3. NEW PANELBOARD "FCS", REFERENCE SHEET 1-EP7.0 RISER DIAGRAM FOR MORE INFORMATION. MOUNT FLUSH IN NEWLY INSTALLED WALL.
4. EXISTING FAN COIL TO REMAIN. SHOWN FOR CLARITY ONLY.
5. EXISTING EXHAUST FAN TO REMAIN. SHOWN FOR CLARITY ONLY.
6. EXTEND EXISTING CIRCUIT INDICATED TO NEW VARIABLE SPEED DRIVE AND CONNECT.
7. E.C. SHALL INSTALL DIVISION 15 PROVIDED VARIABLE FREQUENCY DRIVE AND SHALL MAKE ALL REQUIRED CONNECTIONS - REUSE EXISTING CIRCUIT. COORDINATE WITH MECHANICAL CONTRACTOR.
8. EXISTING RECEPTACLE RELOCATED TO NEW WALL. RECONNECT AS BEFORE.
9. CONNECT EACH CIRCUIT TO A SPARE 20A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD INDICATED. IF NO SUCH SPARES EXIST, FURNISH & INSTALL REQUIRED CIRCUIT BREAKER(S) IN AVAILABLE SPACE - NEW BREAKER(S) SHALL BE OF THE SAME MANUFACTURER AS THE PANELBOARD AND SHALL BE THE SAME TYPE AND HAVE THE SAME INTERRUPTING RATING AS EXISTING CIRCUIT BREAKERS. IF NO SPARES OR SPACES ARE AVAILABLE IN THIS PANEL, CONNECT CIRCUITS TO 20A/1P CIRCUIT BREAKERS IN NEW PANEL, FCS.
10. DATA & VOICE CABLES SHALL BE HOMERUN TO IT CLOSET LOCATED IN ROOM 5A03-1. DATA CABLES SHALL TERMINATE ON NEW PATCH PANEL LOCATED ON EXISTING 19" RACK AND VOICE CABLES SHALL TERMINATE ON TELEPHONE PUNCH-DOWN BLOCKS. REFER TO DATA / TELECOMM RISER DIAGRAM ON SHEET 1-EP7.1.
11. FURNISH & INSTALL ONE (1) NEW 48 PORT PATCH PANEL ON EXISTING 19" RACK LOCATED IN THIS IT CLOSET. TERMINATE NEW DATA CABLES FROM THE NEW OUTLETS IN NEW COPY ROOM 5A05-1 TO THIS PATCH PANEL. REFER TO DATA / TELECOMM RISER DIAGRAM ON SHEET 1-EP7.1.

GENERAL NOTES:

1. JUNCTION BOX LOCATIONS INDICATED ARE APPROXIMATE LOCATIONS. IT MAY BE NECESSARY TO EXTEND EXISTING CIRCUIT TO NEW FAN COIL UNIT LOCATION AND INSTALL NEW JUNCTION BOX.
2. ALL NEW CONDUIT LOCATED IN CORRIDORS SHALL BE INSTALLED AT A MINIMUM OF 8'-6" A.F.F.



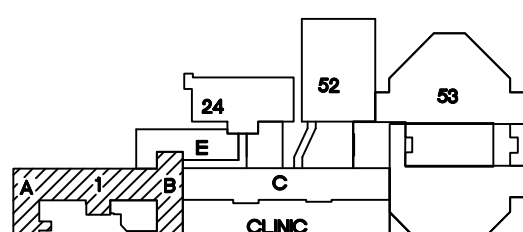
2 ENLARGED PLAN: POWER

1/4"=1'-0"

The seal appearing on this document was authorized by the State of Oklahoma on 5/28/2013. Alteration of a sealed document without proper notation to the responsible engineer is an offense under the Oklahoma Engineering Practice Act.



5/28/2013



KEY PLAN

SCALE: NO SCALE



PROJECT NORTH

ASBESTOS NOTE:  
IF THE EXECUTION OF THIS WORK REQUIRES THE DISTURBING OF ANY SUBSTANCE WHICH APPEARS TO BE ASBESTOS OR WHICH MAY CONTAIN ASBESTOS FIBER, NOTIFY THE OWNER BEFORE CONTINUING WORK AT THE SUSPECT LOCATION. ANY MATERIAL TESTING POSITIVE SHALL BE REMOVED BY THE OWNER BEFORE WORK CONTINUES.

NOTE: EXISTING CONDITIONS SHOWN WERE DERIVED FROM OWNER FURNISHED DRAWINGS AND FIELD OBSERVATIONS. SOME BUILDING FEATURES AND MEP SYSTEMS ARE NOT SHOWN FOR CLARITY. FIELD VERIFY BUILDING CONSTRUCTION. FIELD VERIFY THE LOCATION, SIZE AND QUANTITY OF ALL EQUIPMENT.

REVISIONS	DESCRIPTION	DATE



Dept. of Veterans Affairs  
Jack C. Montgomery  
Medical Center  
1011 Honor Heights Drive  
Muskogee, Oklahoma 74401

ENGINEER:

RMD CONSULTING, LLC  
2815 VALLEY VIEW LANE, STE. 214  
DALLAS, TX 75234  
P: 972-488-8077 F: 972-488-8174  
PROJECT NUMBER: 11-5801  
OK REG. ENGINEERING FIRM: 5183

CONSULTANTS:

ARCHITECT:  
ARCHITECTURAL CONCEPTS, INC.  
669 AIRPORT FREEWAY, STE. 300  
HURST, TX 76053  
P: 817-285-8885 F: 817-285-8021

APPROVED:

APPROVED:  
APPROVED:  
APPROVED:  
APPROVED:

APPROVED: Interior Designer

APPROVED:  
APPROVED:  
APPROVED:  
APPROVED:

APPROVED: Safety Manager

APPROVED: Infection Control Nurse  
APPROVED: Industrial Hygienist  
APPROVED: President A.F.G.E. 2250

APPROVED: Medical Center Director

APPROVED: Associate Director  
APPROVED: Chief of Staff  
APPROVED: Chief of Engineering Service

DRAWING TITLE

LEVEL 5, A-B WING:  
POWER PLAN

PROJECT NO.  
623-10-104  
BUILDING NO.  
01

CONTRACT NO.  
VA256-P-1355  
AUTOCAD FILE NAME:

PROJECT TITLE

REPLACE INDUCTION  
UNITS IN BLDG. #1

DESIGNED BY: XX  
DRAWN BY: C. A. B.  
CHECKED BY: XX  
LOCATION  
Jack C. Montgomery VA Medical Center

DATE

5/28/2013

SCALE

AS NOTED

DRAWING NO.

1-EP5.0

DWG. 87 OF 97

DEPARTMENT OF  
VETERANS AFFAIRS